**Curriculum Vitae**

**Colin Arthur Norman**

# Education

1970 – 1973: D.Phil. (Oxon), Theoretical Physics, (Advisor: Professor D. ter Haar)

1966 – 1969: B.E. (Hon), Melbourne University

1953 – 1965: Scotch College, Melbourne

# Academic Positions

1984 – Present: Professor of Physics and Astronomy, Johns Hopkins University

1984 – Present: Astronomer, Space Telescope Science institute

2003 – 2008: Honorary Professorial Fellow, University of Melbourne

2003: Senior Visiting Astronomer, ESO

1977 – 1983: Assistant Professor, University of Leiden

1975 – 1977: Miller Fellow, University of California, Berkeley

1974 – 1975: Royal Society Exchange Fellow, Moscow (with V.L. Ginzburg and V.N. Tsytovich)

1973 – 1977: Prize Fellowship (by examination), Magdalen College, Oxford

1970 – 1973: Rhodes Scholar, Oxford

# Administrative Positions

2007- Present Founding Co-Director, Johns Hopkins University Institute for Planets and Life (with J. DiRuggiero)

1991 – 1995: Director, Hubble Fellow Program

1987 – 1989: Foundational Co-Director, TIPAC (Theoretical Interdisciplinary Physics and Astrophysics Center), Johns Hopkins University

1986 – 1992: Head, Academic Affairs Division, Space Telescope Science Institute

# Principal Areas of Research

Molecular Clouds, Star Formation and the Structure of the Interstellar Medium

Plasma Astrophysics

High Energy Astrophysics

The Formation, Structure and Evolution of Galaxies

Cosmology and the Intergalactic Medium

Origins: Center for Planets and Life

Large Space Missions

* Hubble Space Telescope, Repair and many HST GO awards
* Chandra X-ray Telescope, Chandra Deep Field South (with R. Giacconi)
* WFIRST (Wide Field Infrared Survey Telescope) coronagraph design (with L. Pueyo)
* AXIS (Wide Field X-ray Telescope)-proposal, in preparation.

# Honors

2019- Hot Topics in Astrophysics-Colin Norman. Sesto, 2019- Annually Recurring Workshop

2019 Fellow, AAAS

2018 DSc (Honoris Causa) University of Melbourne

2017: Honorary Professor, Sokendai, National Astronomical Optical Observatory (NAOJ) Tokyo,

2017: E.L Wright Lecture and Medal, Melbourne, 2017

2017: Sackler Fellow, Cambridge

2006: Blaauw Professor and Blaauw Lecture: Groningen University

2005: Minnaert Professor and Minnaert Lecture: Utrecht University

2002: Perelberg Prize. Scotch College. Melbourne

2002: Astor Lecturer. University of Oxford

1996: Inaugural Sackler Lecturer and Fellowship. University of Cambridge

1995: Plenary Lecturer. Japanese Astronomical Society.

1991: Henry Wood Lecturer. Astronomical Society of Australia

**Other Visiting (Professorial, Fellowship and Scholar) Appointments:**

Institute d’Astrophysique Paris, Argelander Institute Bonn, Oxford Astrophysics, Cambridge

University Institute of Astronomy, University of Amsterdam Astronomy, Leiden

Sterrewacht, Radboud University Astronomy, Kapteyn Institute Groningen, Utrecht

University Astronomy, Bologna INAF, Florence Arcetri, Caltech Astronomy, ESO Munich, Melbourne University Physics, Sydney University Astrophysics, University of West Australia ICRAR, ETH Zurich, Tokyo University and Tokyo Science University.

Publications:

Please see below.

1. Google Scholar(h=73): <https://scholar.google.com/citations?hl=en&user=9nnuIhMAAAAJ>
2. ORCID: <https://orcid.org/>0000-0002-5222-5717
3. ADS publications for Colin Norman. Public link (h=65):<https://ui.adsabs.harvard.edu/public-libraries/8rqVVwR-SIWc9ylCEC9uAw> (updated to 01/19/2023)
4. JHU: <https://physics-astronomy.jhu.edu/directory/colin-a-norman/>